

SWETA AGRAWAL

Department of Computer Science, University of Maryland College Park, MD 20740

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EDUCATION

Ph.D. in Computer Science

August 2018 - Present

University of Maryland, College Park (CGPA: **3.95**/4.0)

Advisor: Marine Carpuat

Masters in Computer Science

August 2018 - May 2020

University of Maryland, College Park (CGPA: **3.95**/4.0)

Bachelor of Technology in Computer Science and Engineering

July 2013 - May 2017

Indian Institute of Technology Guwahati (CGPA: **9.30**/10.0)

Advisor: Amit Awekar

PUBLICATIONS AND PATENTS

Publications Sweta Agrawal and Marine Carpuat, *Generating Diverse Translations via Weighted Fine-tuning and Hypotheses Filtering for the Duolingo STAPLE Task*, **WNGT, ACL** 2020.

Sweta Agrawal and Marine Carpuat, *Controlling Text Complexity in Neural Machine Translation*, **EMNLP-IJCNLP** 2019.

Sweta Agrawal and Amit Awekar, *Deep Learning for Detecting Cyberbullying Across Multiple Social Media Platforms*, European Conference on Information Retrieval (**ECIR**), 2018.

Ankur Garg, Sunav Choudhary, Payal Bajaj, **Sweta Agrawal**, Abhishek Kedia, and Shubham Agarwal, *Smart Geo-Fencing Using Location Sensitive Product Affinity*, **ACM SIGSPATIAL**, 2017.

Patents Chetan Nanda, **Sweta Agrawal**, Ramesh P B, *Temporal Color Correction using Machine Learning*, USPTO.

Ankur Garg, **Sweta Agrawal**, Payal Bajaj, Abhishek Kedia, and Shubham Agarwal, *Smart Geo-Fencing Using Location Sensitive Product Affinity*, USPTO.

SKILLS

Programming Languages

Python, C/C++, R

ML Frameworks

Pytorch, Tensorflow, Caffe, Keras, Scikit-Learn, Theano

RELEVANT COURSEWORK

Graduate Courses	Computational Linguistics, Numerical Optimization, Algorithms in Machine Learning: Guarantees and Analyses, Information Retrieval Systems
Seminar Courses	Visual Learning and Recognition, Neural Machine Translation, Computational Linguistics and the Cognitive Neuroscience of Language
Undergraduate Courses	Artificial Intelligence, Natural Language Processing, Computer Vision, Information Retrieval, Probability Theory and Random Processes, Algorithmic Game Theory, Data Mining

EXPERIENCE

Graduate Research Assistant , Computational Linguistics and Information Processing (CLIP) lab, University of Maryland	June 2019 - December 2019
Member of Technical Staff , Adobe Systems, Noida, India	June 2017 - July 2018
Research Intern , Adobe Systems, Bangalore, India	May 2016 - July 2016
Research Intern , Summer Research Fellowship Program, IIT Kanpur	May 2015 - July 2015

TEACHING EXPERIENCE

Graduate Courses	Artificial Intelligence Planning (Spring 2020)
Undergraduate Courses	Natural Language Processing (Fall 2018), Deep Learning (Spring 2019)